IN THE CLAIMS:

Please amend the claims, as follows:

Claims 1-11 (Cancelled).

12. (Currently Amended) A method for testing the radio transceiver in a system where the transmission signal pass band, limited by the transmission branch filter of a duplex filter, and the reception signal pass band, limited by the reception branch filter, are adjacent so that the frequency response curves of said filters partially overlap at the stop band between the pass bands, ~~wherein~~ comprising the steps of:

arranging a test loop between the transmission branch and the reception branch, wherein the test loop includes a TX coupling, a band pass filter, and a RX coupling, the test loop having essentially less attenuation on the test frequency than the duplex filter and thus a test signal proceeds via the test loop from the transmitter to the receiver,

tuning the transmitter's transmission frequency away from the transmission signal pass band to a test frequency that falls into the stop band of the transmission branch filter frequency response curve and the reception branch filter frequency response curve,

tuning the receiver reception frequency to the test frequency, transmitting the test signal, receiving the test signal which has been attenuated while passing through the test loop.

13. (Currently Amended) A method for testing the radio transceiver in a system where the transmission signal pass band, limited by the transmission branch filter of a

duplex filter, and the reception signal pass band, limited by the reception branch filter, are adjacent such that the frequency response curves of said filters partially overlap at the stop band between the pass bands, ~~wherein~~ comprising the steps of:

arranging a test loop between the transmission branch and the reception branch, wherein the test loop includes a TX coupling, a switch, and a RX coupling, the test loop having essentially less attenuation on the test frequency than the duplex filter and thus a test signal proceeds via the test loop from the transmitter to the receiver when the switch having been closed by a switch control,

tuning the transmitter's transmission frequency away from the transmission signal pass band to a test frequency that falls into the stop band of the transmission branch filter frequency response curve and the reception branch filter frequency response curve,

tuning the receiver reception frequency to the test frequency, transmitting the test signal, receiving the test signal which has been attenuated while passing through the test loop.

14. (Currently Amended) A method for testing a unit comprising several radio transceivers in a system where

the transmission signals are combined by a combiner into a sum signal and transmitted to the duplex filter, and the received sum signal containing various frequencies is routed from the duplex filter to a divider that splits the signal containing

different frequencies to be delivered to its receiver,

the pass band for the system transmission signal frequencies limited by the duplex filer transmission branch filter and the pass band for the system reception signal frequencies limited by the duplex filter reception branch filter are adjacent so that the filter frequency response curves partially overlap at the stop band between the pass bands, ~~wherein~~ comprising the steps of:

arranging a test loop between the transmission branch and the reception branch, wherein the test loop includes a TX coupling, a band pass filter, and a RX coupling, the test loop having essentially less attenuation on the test frequency than the duplex filter and thus a test signal proceeds via the test loop from the transmitter to the receiver,

tuning the transmitter's transmission frequency away from the transmission signal pass band to a test frequency that falls into the stop band of the transmission branch filter frequency response curve and the reception branch filter frequency response curve,

tuning the receiver reception frequency to the test frequency, transmitting the test signal, receiving the test signal which has been attenuated while passing through the test loop.

15. (Currently Amended) A method for testing a unit comprising several radio transceivers in a system where the transmission signals are combined by a combiner into a sum signal and transmitted to the duplex filter, and the received sum signal containing

various frequencies is routed from the duplex filter to a divider that splits the signal containing different frequencies to be delivered to its receiver, the pass band for the system transmission signal frequencies limited by the duplex filer transmission branch filter and the pass band for the system reception signal frequencies limited by the duplex filter reception branch filter are adjacent so that the filter frequency response partially overlap curves at the stop band between the pass bands, ~~wherein~~ comprising the steps of:

arranging a test loop between the transmission branch and the reception branch, wherein the test loop includes a TX coupling, a switch, and a RX coupling, the test loop having essentially less attenuation on the test frequency than the duplex filter and thus a test signal proceeds via the test loop from the transmitter to the receiver when the switch having been closed by a switch control,

tuning the transmitter's transmission frequency away from the transmission signal pass band to a test frequency that falls into the stop band of the transmission branch filter frequency response curve and the reception branch filter frequency response curve,

tuning the receiver reception frequency to the test frequency, transmitting the test signal, receiving the test signal which has been attenuated while passing through the test loop.

16. (Currently Amended) A method in accordance with ~~patent~~ claim 14, wherein ~~that~~ the reception frequency of each receiver ~~in~~ is tuned to the test frequency,

~~transmitting~~ the test signal is transmitted by one transmitter,

~~receiving~~ the test signal is received by each receiver, and if at least one receiver receives the test signal correctly, it is assumed that a receiver receiving the test signal incorrectly is defective.

17. (Currently Amended) A method in accordance with ~~patent~~ claim 14, wherein ~~that~~

~~sending~~ the test signal is sent by the transmitters one by one,

~~receiving~~ the test signal is received by several receivers,

it is inferred ~~inferring~~ that the transmitter being tested is defective if at least one receiver has received the test signal sent by any other transmitter correctly and the transmitter being tested has received the test signal sent incorrectly or not at all.

18. (Currently Amended) A method in accordance with ~~patent~~ claim 14, wherein ~~that~~

~~sending~~ the test signal is sent by each transmitter one by one,

~~receiving~~ the test signal is received by several receivers,

it is inferred ~~inferring~~ that the test loop between the transmitters and receivers is defective, if none of the receivers receives a signal sent on the test signal frequency.

19. (Currently Amended) A system for testing the radio transceiver ~~in a system that comprises~~, the system comprising:

a transmission branch consisting of a functionally inter-connected transmitter and duplex filter and a reception branch consisting of a functionally interconnected receiver and duplex filter, with the duplex filter limiting the transmission signal pass band and the reception signal pass band,

a test control tuning the transmitter and the receiver on the same test frequency as response to control and the transmitter sending ~~the~~ a test signal,

~~wherein that it comprises:~~

a test ~~filter that is~~ loop connected between the transmission branch and reception branch and including a TX coupling, a band pass filter and a RX coupling, the test loop causing an attenuation on the test frequency that is essentially lower than the attenuation caused by the duplex filter, which enables the test signal to proceed along the test loop from the transmitter to the receiver ~~via a TX coupling, a switch, and a RX coupling, the test filter causing~~, and an attenuation on the transmission signal pass band and the reception signal pass band limited by the duplex filter ~~being~~ essentially higher than the attenuation caused by the duplex filter, which enables the transmission signal to proceed from the transmitter to the duplex filter and on to ~~the~~ an antenna.

20. (Currently Amended) A system for testing ~~the~~ a radio transceiver ~~in a system that comprises~~, the system comprising:

a transmission branch consisting of a functionally inter-connected transmitter and a duplex filter and a reception branch consisting of a functionally interconnected

receiver and the duplex filter, with the duplex filter limiting ~~the~~ a transmission signal pass band and ~~the~~ a reception signal pass band,

a test control tuning the transmitter and the receiver on the same test frequency as response to control and the transmitter sending ~~the~~ a test signal,

~~wherein that it comprises:~~

a test ~~filter that is~~ loop connected between the transmission branch and reception branch and includes a TX coupling, a switch and a RX coupling, the test loop with the switch closed causing an attenuation on the test frequency that is essentially lower than the attenuation caused by the duplex filter~~, which enables~~ enabling the test signal to proceed along the test loop from the transmitter to the receiver ~~via a TX coupling, a band pass filter, and a RX coupling when the switch having been closed by a switch control,~~ and the test ~~filter~~ loop with the switch open causing an attenuation on the transmission signal pass band and the reception signal pass band limited by the duplex filter being essentially higher than the attenuation caused by the duplex filter~~, which enables~~ enabling the transmission signal to proceed from the transmitter to the duplex filter and on to ~~the~~ an antenna.

21. (Currently Amended) A system in accordance with ~~patent~~ claim 19, wherein that the test frequency is outside the range of the transmission signal pass band of the duplex filter.

22. (Currently Amended) A system in accordance with ~~patent~~ claim 19, wherein that the test filter is integrated within the duplex filter, in which case the test loop also includes the cabling between the transmitter and the duplex filter and the cabling between the duplex filter.

Please add new claims 23 and 24, as follows:

23. (New) A radio transceiver comprising:

a transmission branch including a transmitter tunable to a test frequency outside a transmission signal pass band;

a reception branch including a receiver tunable to the test frequency outside a reception signal pass band;

a duplex filter connected to the transmission branch and the reception branch, the duplex filter limiting the transmission signal pass band and the reception signal pass band; and

a test loop connected between the transmission branch and the reception branch and including a TX coupling, a band pass filter and a RX coupling, the test loop causing on the test frequency an attenuation essentially lower than the attenuation caused by the duplex filter, enabling a test signal on the test frequency to proceed along the test loop from the transmitter to the receiver, and on the transmission signal pass band and the reception signal pass band an attenuation essentially higher than the attenuation caused by the duplex filter, enabling a signal on the transmission signal pass band to proceed

from the transmitter to the duplex filter and on to an antenna.

24. (New) A radio transceiver comprising:

a transmission branch including a transmitter tunable to a test frequency outside a transmission signal pass band;

a reception branch including a receiver tunable to the test frequency outside a reception signal pass band;

a duplex filter connected to the transmission branch and the reception branch, the duplex filter limiting the transmission signal pass band and the reception signal pass band; and

a test loop connected between the transmission branch and the reception branch and including a TX coupling, a switch and a RX coupling, the test loop with the switch closed causing at least on the test frequency an attenuation essentially lower than the attenuation of the duplex filter enabling a test signal on the test frequency to proceed along the test loop from the transmitter to the receiver, the test loop with the switch open causing at least on the transmission signal pass band an attenuation essentially higher than the attenuation of the duplex filter enabling a transmission signal to proceed from the transmitter to the duplex filter and on to an antenna.